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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=8; day=26; hr=18; min=31; sec=24; ms=67; ]

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\*\*\*\*\*

Reviewer Comments:

<210> 32

<211> 10

<212> PRT

<213> artificial sequence

<220>

<221> var

<222> 3 4

<223> amioride binding site

<400> 32

Phe Phe Xaa Xaa Leu Leu Pro Pro Ile Ile

5

10

1) If "var" is an explanation for the Xaa's at locations 3 and 4, it is invalid. Please explain the Xaa's on the <223> line. "var" is invalid. Please indicate which amino acids they represent. Also, please indicate the explanation for "Artificial Sequence" in a separate <220>-<223> section: please give more information regarding the "amioride binding site": what is its source? Same type of response in Sequence 31.

\*\*\*\*\*

Application No: 10559097 Version No: 2.0

**Input Set:**

**Output Set:**

**Started:** 2008-07-22 18:38:46.540  
**Finished:** 2008-07-22 18:38:48.133  
**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 593 ms  
**Total Warnings:** 6  
**Total Errors:** 2  
**No. of SeqIDs Defined:** 32  
**Actual SeqID Count:** 32

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (7)
W 402	Undefined organism found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (29)
W 213	Artificial or Unknown found in <213> in SEQ ID (30)
W 213	Artificial or Unknown found in <213> in SEQ ID (31)
W 213	Artificial or Unknown found in <213> in SEQ ID (32)
E 257	Invalid sequence data feature in <221> in SEQ ID (32)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (32)

SEQUENCE LISTING

<110> CropDesign N.V.

<120> Monocotyledonous plants having improved growth characteristics  
and a method for making the same

<130> CD-097-PCT

<140> 10559097

<141> 2006-09-19

<150> EP 03076719.8

<151> 2003-06-03

<160> 32

<170> PatentIn version 3.2

<210> 1

<211> 2313

<212> DNA

<213> Oryza sativa

<400> 1

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tctgcgaatc gaattctttg ttttttttc tctaatttttta ccgggaatttgc tcgaatttgg 180

cattcaccaa cgagcaagag gggagtggat tggttggtta aagctccgca tcttgcggcg 240

gaaatctcgc tctcttctt gcgggtgggtt gccggagaag tcgcccggcg tgaggcatgg 300

ggatggaggt ggccggccgcg cggctgggg ctctgtacac gacctccgac tacgcgtcg 360

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aaaagcaatt cttccgaaat ttcatgacga tcacattatt tggagccgtc gggacaatga 660

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<212> PRT  
<213> Oryza sativa

<400> 2

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Asn Glu Ser Ile Thr Ala Leu Ile Ile Gly Leu Cys Thr Gly Val Val  
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Ile Leu Leu Met Thr Lys Gly Lys Ser Ser His Leu Phe Val Phe Ser  
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Glu Asp Leu Phe Phe Ile Tyr Leu Leu Pro Pro Ile Ile Phe Asn Ala  
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Gly Phe Gln Val Lys Lys Gln Phe Phe Arg Asn Phe Met Thr Ile  
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Thr Leu Phe Gly Ala Val Gly Thr Met Ile Ser Phe Phe Thr Ile Ser  
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Val Gly Asp Phe Leu Ala Ile Gly Ala Ile Phe Ser Ala Thr Asp Ser  
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Val Cys Thr Leu Gln Val Leu Asn Gln Asp Glu Thr Pro Phe Leu Tyr  
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Ser Leu Val Phe Gly Glu Gly Val Val Asn Asp Ala Thr Ser Ile Val  
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Leu Phe Asn Ala Leu Gln Asn Phe Asp Leu Val His Ile Asp Ala Ala  
195 200 205

Val Val Leu Lys Phe Leu Gly Asn Phe Phe Tyr Leu Phe Leu Ser Ser  
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Thr Phe Leu Gly Val Phe Ala Gly Leu Leu Ser Ala Tyr Ile Ile Lys  
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Lys Leu Tyr Ile Gly Arg His Ser Thr Asp Arg Glu Val Ala Leu Met  
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Met Leu Met Ala Tyr Leu Ser Tyr Met Leu Ala Glu Leu Leu Asp Leu  
260 265 270

Ser Gly Ile Leu Thr Val Phe Phe Cys Gly Ile Val Met Ser His Tyr  
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Thr Trp His Asn Val Thr Glu Ser Ser Arg Val Thr Thr Lys His Ala  
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Phe Ala Thr Leu Ser Phe Ile Ala Glu Thr Phe Leu Phe Leu Tyr Val  
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Gly Met Asp Ala Leu Asp Ile Glu Lys Trp Glu Phe Ala Ser Asp Arg  
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Pro Gly Lys Ser Ile Gly Ile Ser Ser Ile Leu Leu Gly Leu Val Leu  
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Ile Gly Arg Ala Ala Phe Val Phe Pro Leu Ser Phe Leu Ser Asn Leu  
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Thr Lys Lys Ala Pro Asn Glu Lys Ile Thr Trp Arg Gln Gln Val Val  
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Tyr Asn Lys Phe Thr Arg Ser Gly His Thr Gln Leu His Gly Asn Ala  
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Ile Met Ile Thr Ser Thr Ile Thr Val Val Leu Phe Ser Thr Met Val  
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Phe Gly Met Met Thr Lys Pro Leu Ile Arg Leu Leu Leu Pro Ala Ser  
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Gly His Pro Val Thr Ser Glu Pro Ser Ser Pro Lys Ser Leu His Ser  
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Pro Leu Leu Thr Ser Met Gln Gly Ser Asp Leu Glu Ser Thr Thr Asn

465

470

475

480

Ile Val Arg Pro Ser Ser Leu Arg Met Leu Leu Thr Lys Pro Thr His  
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Thr Val His Tyr Tyr Trp Arg Lys Phe Asp Asp Ala Leu Met Arg Pro  
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<211> 1614  
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<213> Arabidopsis thaliana

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Cys Ile Val Leu Gly His Leu Leu Glu Glu Asn Arg Trp Met Asn Glu		
35	40	45

Ser Ile Thr Ala Leu Leu Ile Gly Leu Gly Thr Gly Val Thr Ile Leu		
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Leu Ile Ser Lys Gly Lys Ser Ser His Leu Leu Val Phe Ser Glu Asp			
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Leu Phe Phe Ile Tyr Leu Leu Pro Pro Ile Ile Phe Asn Ala Gly Phe		
85	90	95

Gln Val Lys Lys Lys Gln Phe Phe Arg Asn Phe Val Thr Ile Met Leu		
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Phe Gly Ala Val Gly Thr Ile Ile Ser Cys Thr Ile Ile Ser Leu Gly  
115 120 125

Val Thr Gln Phe Phe Lys Lys Leu Asp Ile Gly Thr Phe Asp Leu Gly  
130 135 140

Asp Tyr Leu Ala Ile Gly Ala Ile Phe Ala Ala Thr Asp Ser Val Cys  
145 150 155 160

Thr Leu Gln Val Leu Asn Gln Asp Glu Thr Pro Leu Leu Tyr Ser Leu  
165 170 175

Val Phe Gly Glu Gly Val Val Asn Asp Ala Thr Ser Val Val Val Phe  
180 185 190

Asn Ala Ile Gln Ser Phe Asp Leu Thr His Leu Asn His Glu Ala Ala  
195 200 205

Phe His Leu Leu Gly Asn Phe Leu Tyr Leu Phe Leu Leu Ser Thr Leu  
210 215 220

Leu Gly Ala Ala Thr Gly Leu Ile Ser Ala Tyr Val Ile Lys Lys Leu  
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Tyr Phe Gly Arg His Ser Thr Asp Arg Glu Val Ala Leu Met Met Leu  
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Met Ala Tyr Leu Ser Tyr Met Leu Ala Glu Leu Phe Asp Leu Ser Gly  
260 265 270

Ile Leu Thr Val Phe Phe Cys Gly Ile Val Met Ser His Tyr Thr Trp  
275 280 285

His Asn Val Thr Glu Ser Ser Arg Ile Thr Thr Lys His Thr Phe Ala  
290 295 300

Thr Leu Ser Phe Leu Ala Glu Thr Phe Ile Phe Leu Tyr Val Gly Met  
305 310 315 320

Asp Ala Leu Asp Ile Asp Lys Trp Arg Ser Val Ser Asp Thr Pro Gly  
325 330 335

Thr Ser Ile Ala Val Ser Ser Ile Leu Met Gly Leu Val Met Val Gly  
340 345 350

Arg Ala Ala Phe Val Phe Pro Leu Ser Phe Leu Ser Asn Leu Ala Lys  
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Lys Asn Gln Ser Glu Lys Ile Asn Phe Asn Met Gln Val Val Ile Trp  
370 375 380

Trp Ser Gly Leu Met Arg Gly Ala Val Ser Met Ala Leu Ala Tyr Asn  
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Lys Phe Thr Arg Ala Gly His Thr Asp Val Arg Gly Asn Ala Ile Met  
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Ile Thr Ser Thr Ile Thr Val Cys Leu Phe Ser Thr Val Val Phe Gly  
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Met Leu Thr Lys Pro Leu Ile Ser Tyr Leu Leu Pro His Gln Asn Ala  
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Thr Thr Ser Met Leu Ser Asp Asp Asn Thr Pro Lys Ser Ile His Ile  
450 455 460

Pro Leu Leu Asp Gln Asp Ser Phe Ile Glu Pro Ser Gly Asn His Asn  
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Val Pro Arg Pro Asp Ser Ile Arg Gly Phe Leu Thr Arg Pro Thr Arg  
485 490 495

Thr Val His Tyr Tyr Trp Arg Gln Phe Asp Asp Ser Phe Met Arg Pro  
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<211> 2232

<212> DNA

<213> *Medicago sativa*



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